CLAIMS

1. An intermittently laying method for intermittently forming laid layers comprising a fluidized substance laid thereon on a surface of a sheet-like member moving in one direction, in the moving direction, said method comprising steps of:

folding a part of said sheet-like member corresponding to a non-laid portion between adjacent laid portions inwardly towards a back surface side of said sheet-like member on an upstream side of laying means for laying said fluidized substance on said sheet-like member thereby forming a continuous surface-to-be-laid on a surface side;

continuously supplying said fluidized substance from said laying means to said surface-to-be-laid thereby forming said laid layer;

bringing back said inwardly folded non-laid portion of said sheet-like member so as to be flush with said surface-to-be-laid on a downstream side of said laying means; and

intermittently interposing said non-laid portion between continuously laid said adjacent laid layers formed of said fluidized substance.

2. An intermittently laying apparatus for intermittently forming laid layers comprising a fluidized substance laid thereon on a surface of a sheet-like member moving in one direction, in the moving direction, said apparatus comprising:

laying means for laying said fluidized substance on said sheet-like member; folding means disposed on an upstream side of said laying means and adapted to fold a part of said sheet-like member corresponding to a non-laid portion between adjacent laid portions inwardly towards a back surface side of said sheet-like member thereby forming a continuous surface-to-be-laid on a surface side; and unfolding means disposed on a downstream side of said laying means and adapted to bring back said inwardly folded non-laid portion of said sheet-like member, so as to be flush with said surface-to-be-laid.

3. An intermittently laying apparatus according to claim 2, further comprising cutting means disposed on an upstream side of said unfolding means and adapted to form a cut line in said laid layer formed of said fluidized substance, which is continuously laid, at a portion immediately above said inwardly folded non-laid portion of said sheet-like member.

4. An intermittently laying apparatus according to claim 2, wherein said folding means includes a plurality of push-in grooves extending in a direction perpendicular to the moving direction, a plurality of insert members which are moved in the moving direction at the same speed as said push-in grooves and are inserted along said push-in grooves when moving in the moving direction, and an upstream side roll member for guiding said push-in grooves in the moving direction, and wherein when said push-in grooves are brought from a state in which said push-in grooves are located at an outer peripheral surface of said upstream side roll member and an opening width of each of said push-in grooves is enlarged to a state in which said push-in grooves pass the outer peripheral surface and an opening width of each of said push-in grooves is reduced, said insert members are inserted in said push-in grooves while sandwichingly holding said sheet-like member which is continuously supplied, so that a part of said sheet-like member corresponding to said non-laid portion is folded inwardly towards a back surface side of said sheet-like member.

5. An intermittently laying apparatus according to claim 4, further comprising a function for adjusting a width of said non-laid portion by increasing/decreasing a folding amount of said sheet-like member sandwiched by said insert members, said folding amount being increased/decreased by adjusting the position of said insert members in said push-in grooves when said insert members are inserted in said push-in grooves.